

APT 24 AADT

NEW CLAIMS

1. Analogue display device for a timepiece, comprising display means arranged to jump relative to a dial having a jumbled sequence of the values to be displayed, characterised in that the values to be displayed on the dial are offset by regular intervals of a certain number of successive positions in the sequence of the values to be displayed (Figures 1, 2, 3, 6, and 7).
2. Device according to claim 1, characterised in that the offset is 1, 5 or 7 successive positions for a dial having 12 indications or sequences, and 31 successive positions for a dial having 31 indications or sequences.
3. Device according to claim 1, characterised in that the dial displays the time by means of hands (2, 3, Figures 1 and 2).
4. Device according to claim 1, characterised in that the display means are discs placed underneath the dial (Figure 6).
5. Device according to claim 4, characterised in that the dial has cut-outs to reveal the values displayed on the discs (Figure 6).
6. Device according to claim 1, characterised in that the values to be displayed are hours and minutes, dates, names of days, weeks, phases of the moon, etc. (Figure 7).

7. Device according to claim 1, characterised in that it comprises a control mechanism having a winding wheel (17, Figures 4a to 4d) secured to an impulse wheel (15) driven by an impulse spring (20) that propels the impulse wheel (15) in an anti-clockwise direction following the tensioning of the spring (20) by a truncated cannon-pin (10) secured to the cannon-pin (11) and completing one rotation per hour.
8. Device according to claim 1, characterised in that it comprises a control mechanism having a rack (32) connected to the minute pinion (37) and a rack (35) connected to the hour wheel (38), the rack (32) being guided by a snail (31a) mounted on a return wheel (31) driven by the standard cannon-pin (30) of the movement, the rack dropping into the cut-away section of the snail (31a) after a complete rotation of the snail, and driving the minute pinion (37) and the hour wheel (38) as it drops, thus allowing for a jump from one hour to the next.